



UC3825NG4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC3825NG4                                                                                                    |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC REG CTRLR MULT TOPOLOGY 16DIP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

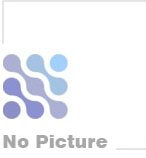
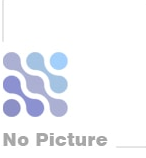
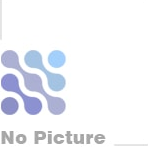
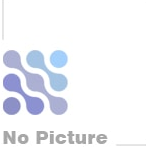
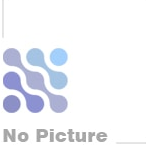
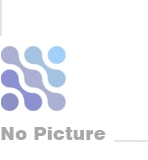
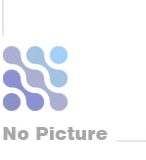
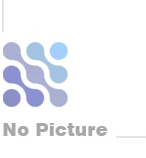
Specifications of UC3825NG4

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC3825NG4                                                                                                                                                                |
| MANUFACTURER                     | N/A                                                                                                                                                                      |
| DESCRIPTION                      | IC REG CTRLR MULT TOPOLOGY 16DIP                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                               |
| DATA SHEET                       |                                                                                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 8.4 V ~ 30 V                                                                                                                                                             |
| TOPOLOGY                         | Buck, Boost, Flyback, Forward Converter, Full-Bridge, Half-Bridge, Push-Pull                                                                                             |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 16-PDIP                                                                                                                                                                  |
| SERIES                           | -                                                                                                                                                                        |
| SERIAL INTERFACES                | -                                                                                                                                                                        |
| PACKAGING                        | Tube                                                                                                                                                                     |
| PACKAGE / CASE                   | 16-DIP (0.300", 7.62mm)                                                                                                                                                  |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                                        |
| OUTPUT PHASES                    | 1                                                                                                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                          |
| NUMBER OF OUTPUTS                | 2                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                               |
| FUNCTION                         | Step-Up, Step-Down, Step-Up/Step-Down                                                                                                                                    |
| FREQUENCY - SWITCHING            | 340kHz ~ 460kHz                                                                                                                                                          |
| DUTY CYCLE (MAX)                 | 85%                                                                                                                                                                      |
| DETAILED DESCRIPTION             | Buck, Boost, Flyback, Forward Converter, Full-Bridge, Half-Bridge, Push-Pull Regulator Positive Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 16-PDIP |
| CONTROL FEATURES                 | Current Limit, Enable, Frequency Control, Ramp, Soft Start                                                                                                               |
| CLOCK SYNC                       | No                                                                                                                                                                       |
| BASE PART NUMBER                 | UC3825                                                                                                                                                                   |

Related Tags

|                         |                              |                     |
|-------------------------|------------------------------|---------------------|
| UC3825NG4               | UC3825NG4 Distributor        | UC3825NG4 Supplier  |
| UC3825NG4 Price         | UC3825NG4 Pictures           | UC3825NG4 Image     |
| UC3825NG4 PDF Datasheet | UC3825NG4 Download Datasheet | UC3825NG4 Datasheet |
| UC3825NG4 Stock         | Buy UC3825NG4                | Buy UC3825NG4       |
| UC3825NG4               | Supplier                     | Distributor         |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><p>No Picture</p></div> <div><b>UC3825DWTRG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 16SOIC<br/>In stock: 51891 pcs<br/><div>RFQ</div></div> | <div><p>No Picture</p></div> <div><b>UC3825Q</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 20PLCC<br/>In stock: 21345 pcs<br/><div>RFQ</div></div>     |
| <div><p>No Picture</p></div> <div><b>UC3825BNG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR PWM CM/VM 16DIP<br/>In stock: 8733 pcs<br/><div>RFQ</div></div>    | <div><p>No Picture</p></div> <div><b>UC3825QTRG3</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 20PLCC<br/>In stock: 45309 pcs<br/><div>RFQ</div></div> |
| <div><p>No Picture</p></div> <div><b>UC3827DW-1G4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 24SOIC<br/>In stock: 10104 pcs<br/><div>RFQ</div></div> | <div><p>No Picture</p></div> <div><b>UC3825DWG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 16SOIC<br/>In stock: 27953 pcs<br/><div>RFQ</div></div>  |
| <div><p>No Picture</p></div> <div><b>UC3827DW-2</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 24SOIC<br/>In stock: 18955 pcs<br/><div>RFQ</div></div>   | <div><p>No Picture</p></div> <div><b>UC3825DWTR</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 16SOIC<br/>In stock: 38753 pcs<br/><div>RFQ</div></div>  |
| <div><p>No Picture</p></div> <div><b>UC3825QTR</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 20PLCC<br/>In stock: 6029 pcs<br/><div>RFQ</div></div>     | <div><p>No Picture</p></div> <div><b>UC3825DW</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 16SOIC<br/>In stock: 33646 pcs<br/><div>RFQ</div></div>    |
| <div><p>No Picture</p></div> <div><b>UC3827DW-1</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 24SOIC<br/>In stock: 16072 pcs<br/><div>RFQ</div></div>   | <div><p>No Picture</p></div> <div><b>UC3825N</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOPOLOGY 16DIP<br/>In stock: 35357 pcs<br/><div>RFQ</div></div> |